

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -1220 South St. Francis Drive, Santa Fe, NM 87505



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ADMINISTRATIVE APPLICATION CHECKLIST

T	HIS CHECKLIST IS M	ANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE
Applic	ation Acronyms	
	[DHC-Dowr [PC-Po	ndard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication] hole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling] ol Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement] [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion] [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase] ified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]
[1]	[A]	PLICATION - Check Those Which Apply for [A] Location - Spacing Unit - Simultaneous Dedication NSL NSP SD One Only for [B] or [C]
	[B]	Commingling - Storage - Measurement
	[C]	Injection - Disposal - Pressure Increase - Enhanced Oil Recovery WFX PMX SWD IPI EOR PPR
	[D]	Other: Specify
[2]	NOTIFICATI [A]	ON REQUIRED TO: - Check Those Which Apply, or Does Not Apply Working, Royalty or Overriding Royalty Interest Owners
	[B]	Offset Operators, Leaseholders or Surface Owner
	[C]	Application is One Which Requires Published Legal Notice
	[D]	Notification and/or Concurrent Approval by BLM or SLO U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
	[E]	For all of the above, Proof of Notification or Publication is Attached, and/or,
	[F]	Waivers are Attached

SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE [3] OF APPLICATION INDICATED ABOVE.

CERTIFICATION: I hereby certify that the information submitted with this application for administrative [4] approval is accurate and complete to the best of my knowledge. I also understand that no action will be taken on this application until the required information and notifications are submitted to the Division.

Note: Stat	ement must be completed by an individual w	ith managerial and/or superviso	ry capacity.
James Bruce	allos Mela	Attorney for	Applicant 12/2//01
Print or Type Name	bignature	Title	Date
JAMES BRUCE		jamesbruc@ao]	.com
P.O. BOX 1056		e-mail Address	
SANTA FE. NM 875	04		

JAMES BRUCE

ATTORNEY AT LAW

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(505) 982-2043 (505) 982-2151 (FAX)

December 20, 2001

Hand Delivered

Michael E. Stogner Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87505

Dear Mr. Stogner:

Ricks Exploration, Inc. ("Ricks") applies for administrative approval of an unorthodox gas well location in the Ordovician formation for the following well:

	Greenwood Pre-Grayburg Unit Well No. 14
Location:	2050 feet FSL ¹ & 1310 feet FEL
<u>Well Unit</u> :	E½ of Section 27, Township 18 South, Range 31
	East, N.M.P.M., Lea County, New Mexico

A Form C-102 for the well is attached as Exhibit A. This is a wildcat well in the Ordovician, so well spacing is 320 acres, with wells to be located no closer than 660 feet to a quarter section line nor closer than 10 feet to a quarter-quarter section line.

The well was drilled to test a structural high in the Devonian formation (Shugart Siluro-Devonian Gas Pool). Attached as Exhibit B is a structure map of the Devonian, which shows the high. However, Ricks decided to deepen the well to test the Ordovician formation. Attached as Exhibit C is the well completion report, showing an Ordovician completion at 13750-13790 feet subsurface.

¹I have been informed that a directional survey taken on the well indicates that it drifted approximately 60 feet south while it was drilled. If you would like a copy of that survey, please let me know.

A land plat of the area is attached as Exhibit $D.^2$ The E½ of Section 27 is a single federal lease (LC 029392(b)), with common ownership, and the well is interior to the lease and the well unit. Therefore, no one was notified of this application. In addition, the well is in the Greenwood Pre-Grayburg Unit, so interest owners in the unit will share in production.

Because the well is unorthodox, the Artesia District Office has ordered the well shut-in pending approval of the location.

Please call me if you need any further information on this matter.

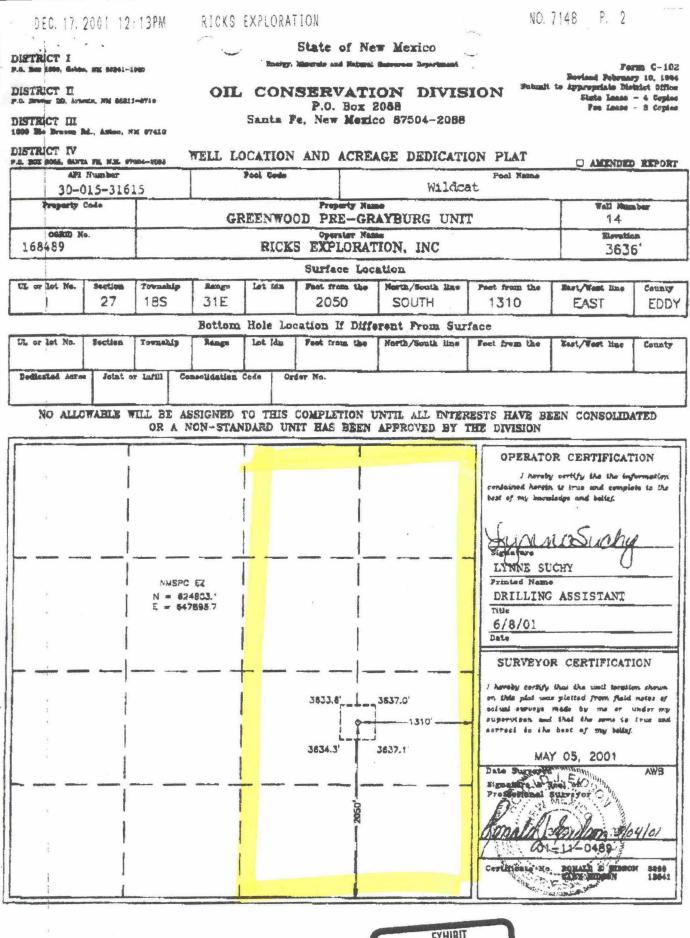
Very truly yours,

James Bruce

Attorney for Ricks Exploration, Inc.

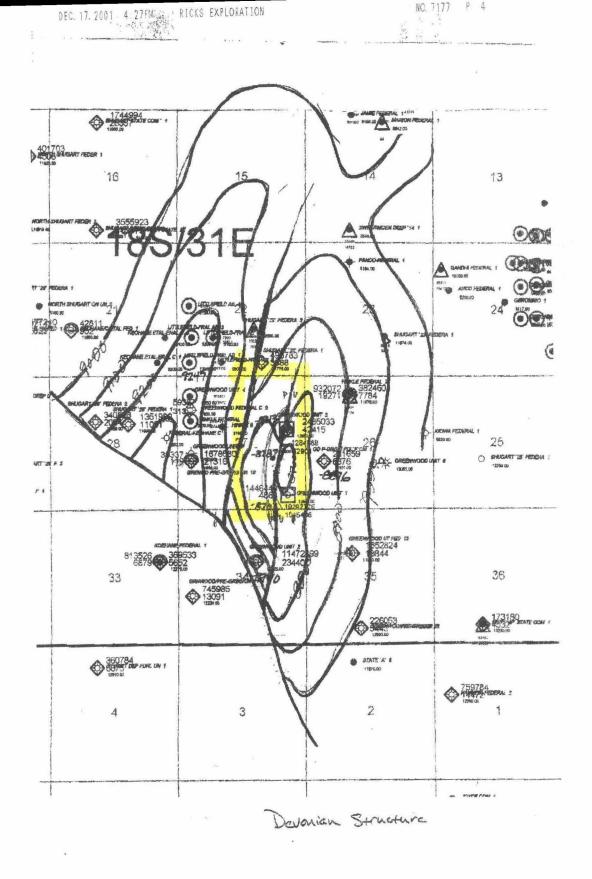
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²The existing Devonian producer in the SE¼SE¼ of Section 27 was going to be shut-in if production was obtained in the Devonian formation.



POTS: 10 EXHIBIT

1. 1919





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Subsequent	-	Change Plans	Plug and A	bandon 🔲	Temporarily Ab	andos		well	
	domment Notice	Convert to Injection	Plug Back	Q	•				
	ar means a ready	d Operation (clearly state all p ctionally or recomplete borizo he work will be performed or olved operations. If the opera sal Abandonment Notices sha for final impoction.)							-
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• DISTRICT I P.O. Best 1980, Hobbs, RM 88341-1980

DISTRICT IV

DISTRICT II P.O. Drawer DD, Artania, MM 86811-0719 State of New Mexico

Energy, Minerals and Natural Resources Department.

Form C-102 Revised February 10, 1994 Submit to Appropriate District Office State Lease - 4 Copies For Longe - 3 Copies

OIL CONSERVATION DIVISION P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT III 1000 Bio Brazos Bd., Astec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT Pool Code Т

P.O. BOX 8088, SANT	A 78, R.H. 87	5042085	WELL L	JCATION	AND ACE	REAGE DEDICAT	ION PLAT	C AMENDEL	REPORT
APT 30-015-3	Number 31615			Pool Code		SHUGART-SILU	Pool Name RIAN-DEVONIAN	N	
Property	Code		GI	REENWO	Property OD PRE-	Name GRAYBURG UNI	T	Vell Nur 14	aber
OGRID N 168489				RICK	operator S EXPLOR	Name ATION, INC		Elevation 363	
	-				Surface 1	location			_
UL or lot No.	Section	Township	Range	Lot Idn	Feet from t		Feet from the	East/Vest line	County
L	27	18S	31E	1	2050	SOUTH	1310	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or 1	ot No.	Section	Township	Range	Lot Idn	Fest from the	North/South line	Feet from the	East/West line	County
Dedicat	ted Acres	Joint a	r Infill Co	nsolidation (Code Or	der No.	L		L	

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

		OPERATOR CERTIFICATION
		I hereby certify the the information contained herein is true and complete to the best of my knowledge and ballef.
NMSPC EZ N = 624803.1 E = 647895.7		LYNNE SUCHY Printed Name DRILLING ASSISTANT Title 6/8/01
		Date
<u>⊢</u>	+	SURVEYOR CERTIFICATION
	3633.6' 3637.0'	I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervison and that the same is true and correct to the best of my belief.
	3634.3' 3637.1'	MAY 05, 2001
		Date Survered Signators & Seal of Professional Surveyor Mmald & Surveyor Mmald & Surveyor (01-11-0489)
		Cartificata No. BONALÓ Í EIDSON 3339 GARY EIDSÓN 12841

Form 3160-3 August 1999)		O PER	ATORS OF DATA	2322 B	FORM APPI OMB No. 10			
Augua 1999	UNITED STATE	2	9		Expires November 30, 2000			
	DEPARTMENT OF THE I	, NTERIOR		2001	5. Lease Serial No.			
	BUREAU OF LAND MANA	GEMENT	RECEIV	VED	<u>6 LC-0293</u>	2-B		
APPL	JCATION FOR PERMIT TO D	RILL OR	REENTER 001	IESIA E	6. If Indian, Allottee or	Tribe Name		
1a. Type of Work: 🚺 1	DRILL CREENT	ER	1681957	521	7. If Unit or CA Agreeme	ent, Name and No.		
the second s	il Well 🔲 Gas Well 🛄 Other	0	Single Zone 🖳 Mul		8. Lease Name and Well Greenwood Pro	No. Grayburg		
	icks Exploration,				9. API Weil No.			
3a. Address 210 Pa	rk Avenue		No. (include area code)		10. Field and Pool, or Exp			
Oklahom	a City, OK 73102		-516-1100	Sh	ugart-Siluria			
	rt location clearly and in accordance with	any State req	uirements.*)		11. Sec., T., R., M., or Blk	and Survey or Area		
At surface At proposed prod. zone	600' FEL & 2025' FS	SL			Sec. 27-185	3-31E		
	ection from nearest town or post office*				12. County or Parish	13. State		
	s southeast of Loco	<u>) Hills</u>	3		Eddy	NM		
 Distance from proposed* location to nearest 		16. No. of	Acres in lease	17. Spacin	g Unit dedicated to this well			
property or lease line, ft. (Also to nearest drig, unit			380	40				
 Distance from proposed k to nearest well, drilling, co 	ompleted.	19. Propos	-		BIA Bond No. on file			
applied for, on this lease,	a.' 1365'	12,70)0 '	NM	589804			
1. Elevations (Show whether		22. Appro.	timate date work will st	tart*	23. Estimated duration			
GL 3,63	9.	Mar	<u>ch 1, 2001</u>		30 days	2 colà		
	_	24. Att	achments	Capit	H Controlled Water	Denn		
e following, completed in ac	cordance with the requirements of Onshor	re Oil and Ga	order No.1, shall be a	ttached to this	form:			
Well plat certified by a regi A Drilling Plan. A Surface Use Plan (if the SUPO shall be filed with th	stered surveyor. e location is on National Forest System be appropriate Forest Service Office).	Lands, the	ltem 20 above). 5. Operator certifi	ication. specific info	is unless covered by an exis			
Signature	× ~.	Name	(Prinsed/Typed)		Date	······		
		1				11/01		
Explorat:	ion Manager	<u>1</u>	egory S. R	obins-	· ↓ /			
proved by (Signature)	Lara	Nam	(Prinsed/Typed) Joe G	Lar		116/2001		
TING FIELD N	ANAGER	Offic	CARLSB	AD FIE		· · ·		
plication approval does not w	varrant or certify the the applicant holds le	gal or equital	le title to those rights in	n the subject le	ease which would entitle the	applicant to conduct		
erations thereon. inditions of approval, if any, a	ire attached.							

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

-

والمحافظ والمحافظة بمعترة ويقابه وفاسق المهدد والارتباع والاستان والمراجع والمراجع والمراجع

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ARCHAEOLOGICAL SURVEY of the RICKS EXPLORATION, INC. GREENWOOD FRE-GRAYBURG UNIT FEDERAL WELL NO. 14 RELOCATION & ACCESS ROAD R/W T18S, R31E, SECTION 27 (NE4SE4) [2050 FSL, 1310 FEL]. EDDY COUNTY, NEW MEXICO.

FEDERAL LAND SURFACE [U.S.G.S. 7.5 minute series, GREENWOOD LAKE, NEW MEXICO, 1985]

' ASC Report 01-086 (NMCRIS # 74955)

by James V. Sciscenti, Principal Investigator

ARCHAEOLOGICAL SURVEY CONSULTANTS P.O. Box 2285, Roswell, New Mexico 88202 [505] 623-5012

BUREAU OF LAND MANAGEMENT PERMIT NO.: 18-2920-01-Q

May 28, 2001

Prepared for: Ricks Exploration, Inc., 210 Park Avenue, Suite 3000 Oklahoma City, Oklahoma 73102

Attention: Lynne Suchy

Distribution:

Ricks Exploration, Inc., (1) BLM - Carlsbad Field Office (2) Sciscenti (1)

AKSU

ARCHAEOLOGICAL SURVEY CONSULTANTS

.

ASC Report No. 01-086

TITLE PAGE/ABSTRACT/NEGATIVE PROJECT REPORT FORM

CARLSBAD FIELD OFFICE

BLM/CFO

•	BLM Report #	2. (ACCEPTED)	(REJECTED)	3. NMCRIS #: 74955
	Report Title: ARCHAEOLOGICAL SURVEY of the FEDERAL MELL NO. 14 RELOCATIO [2050 FSL, 1310 FEL]. EDDY (in & access foad r	/W. T185, R31E	OD PRE-GRAYBURG UNIT , SECTION 27, NEXSEX
5.	Project Date(s): 5/25/2001		6.	Report Date: 5/28/2001
7.	Consultant Name & Address: ARCHAEOLOGICAL SURVEY CONSULT P.O. BOX 2285, Roswell, New M	ants Iercico 88202. Pho	ne: 505-623- 501	2.
	Direct Charge: D.M. Griffithe Project Director: D.M. Griffi Field Personnel: Danny L. Boo	the and/or J.V. Sc	xenti. Xiscenti.	
8.	B.L.M. PERMIT #: 18-2920-01-0	9. Con	ultant Report 1	No.: ASC Report 01-086
10.	Sponsor Name, Address, & Phon	e Nuiber:		
	Individual Responsible: Lynne	Ortu		
11	Ricks Exploration, Inc. 210 Park Avenue, Suite 3000.	-	clahoma 731.02.	Phone: 405-516-1100
	Ricks Exploration, Inc. 210 Park Avenue, Suite 3000. For BLM Use Only:	Oklahoma City, O	clahama 731.02.	Phone: 405-516-1100
<u></u>	Ricks Exploration, Inc. 210 Park Avenue, Suite 3000. For BLM Use Only: ACREAGE: Total Acres Surveyed	Oklahoma City, Ok		
12.	Ricks Exploration, Inc. 210 Park Avenue, Suite 3000. For BLM Use Only: ACREACE: Total Acres Surveyed Surface Concretip by Acres: F	Oklahoma City, Ok : 4.24 acres. edecal: 4.24 &	state: 0 Pa	civate: 0
12.	Ricks Exploration, Inc. 210 Park Avenue, Suite 3000. For BLM Use Only: ACREAGE: Total Acres Surveyed Surface Ownership by Acres: Fi Location (Maps attached): a	Oklahoma City, Ok : 4.24 acres. edecal: 4.24 & . State: New Mexic	itate: 0 Pr xo b. County	civate: 0 y: Eddy
12.	Ricks Exploration, Inc. 210 Park Avenue, Suite 3000. For BLM Use Only: ACREACE: Total Acres Surveyed Surface Concretip by Acres: F	Oklahoma City, Ok : 4.24 acres. ederal: 4.24 & . State: New Mexic d. Near 1E, Section 27 (NE	State: 0 Pr 20 b. County rest Town: Loco	civate: 0 y: Eddy
12.	Ricks Exploration, Inc. 210 Park Avenue, Suite 3000. For BLM Use Only: ACREAGE: Total Acres Surveyed Surface Concrship by Acres: F Location (Maps attached): a C. BLM Field Office: Carlsbad e. Project Location: T185, F3 Footages: 2050 FSL, 1310 F	Oklahoma City, Ok : 4.24 acres. ederal: 4.24 & . State: New Mexico d. Near 1E, Section 27 (NE EL. T185, R31E, Section	Status: 0 Pr to b. County test: Town: Loco tyset;) in 27 (NWH(SEH).	civate: 0 y: Eddy Hills
12.	Ricks Exploration, Inc. 210 Park Avenue, Suite 3000. For BLM Use Only: ACREAGE: Total Acres Surveyed Surface Conership by Acres: F Location (Maps attached): a C. BLM Field Office: Carlshad e. Project Location: T185, R3 Footages: 2050 FSL, 1310 F Access Road R/W Location: ' f. Map Name(s): U.S.G.S. 7.5 a	Oklahoma City, Ok : 4.24 acres. ederal: 4.24 E . State: New Mexic d. Near 1E, Section 27 (NE EL. T185, R31E, Section minute series, GRE	State: 0 Pr so b. County rest Town: Loco State; in 27 (NWH(SEH)). ENWOOD LAKE, N	civate: 0 y: Eddy Hills EW MEXICO, 1985

ARSC

ARCHAROLOGICAL SURVEY CONSULTENTS

ASC Report No. 01-086

TITLE PAGE/ABSTRACT/NEGATIVE PROJECT REPORT FORM (contlinued)

BLM/CFO

14 a. Records Search: ARMS (Hurst, 5/25/2001) and BLM records (Boone, 5/25/2001) do not indicate the prior recording of archaeological sites within 0.25 miles of the project area.

b. Description of Undertaiding: archaeological survey of a well pad (400 ft. square, 3.67 acres) and access road R/W (250 ft. long x 100 ft. wide, 0.57 acres), with a total federal land surface of 4.24 acres, was inspected for cultural remains.

The access road begins at an extant well pad.

c. Environmental Setting: situated on the Mescalero Pediment, Querecho Plains, ca. 28 miles east of the Pecos River, within an area of undulating, gently sloping terrain, sloping to the WSW, with rare low dunes and small deflation basins. Vegetation consists of scrub grassland, with relatively sparse vegetation consisting of shinnery oak, sagebrush, mesquite, and various grasses, yucca, prickly pear cacti, and croton. Lithic Resources: not available in the project area. Soils: Kermit-Berino fine sands. Vegetation: Grassland Formation, scrub-grass scrub disclimax community. Ground Visibility: ca. 55% to 100% in deflation basins; averaging ca. 65%.

d. Field Methods: straight and zig-zag transects, spaced no greater than 15 metres apart. Crew Size: 1. Work Hrs. on Ground: 2.5 work hours. Artifacts Collected: 0.

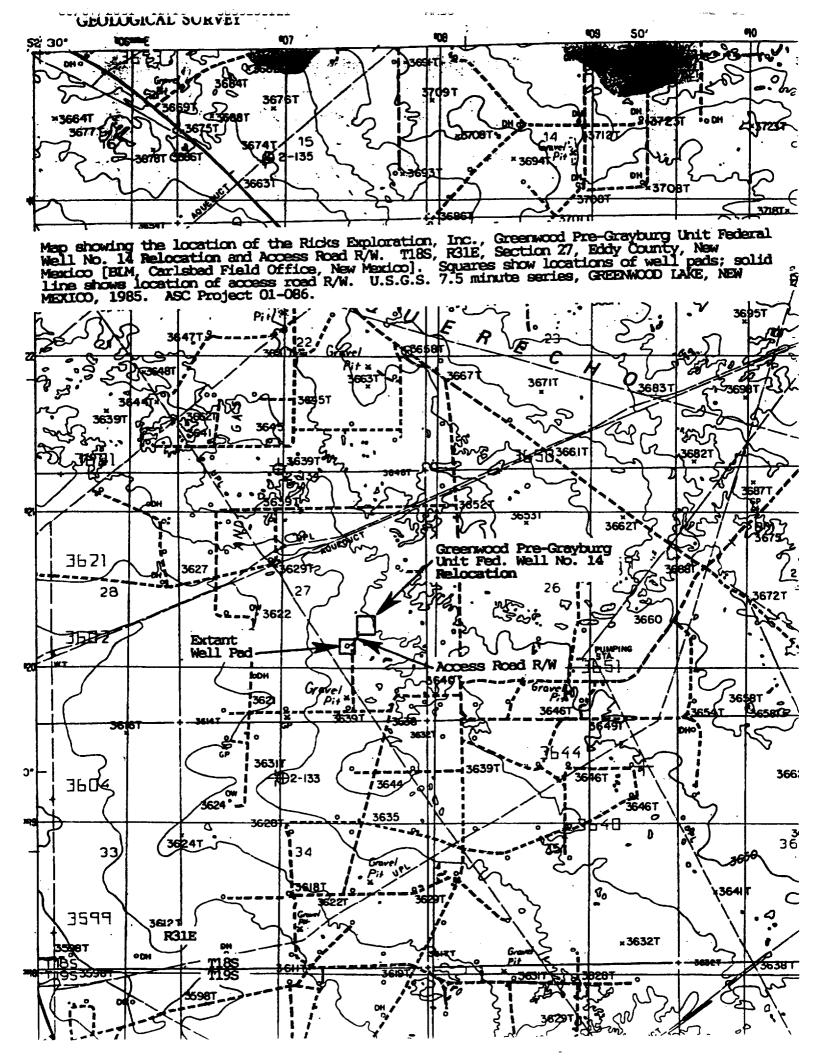
- 15. Cultural Resource Findings: archaeological survey of the Ricks Exploration, Inc., Greenwood Pre-Grayburg Unit Federal Well No. 14 Relocation and Access Road R/W did not reveal any prehistoric or historic cultural resources.
- 16. Management Summary & Recommendations: archaeological CLEARANCE for the Ricks Exploration, Inc., Greenwood Pre-Grayburg Unit Federal Well No. 14 Relocation and Access Road R/W is RECOMMENDED.

I certify that the information provided above is correct and accurate, and meets all applicable BLM standards.

Project Archaeologist

D.M. Griffithes pp. J.V. Sciscenti, D.M. Griffithes. pp. J.V. Sciscenti,

Principal Investigator



		5174	udard for b	bes We
	M. Dilettes Division		00	
N. Brancher	ARTESIA, NU 36210-251			
Form 3160-3			FORM APPRO	
(August 1999)			OMB No. 1004 Expires November	
UNITED STATI DEPARTMENT OF THE			5. Lease Serial No.	
BUREAU OF LAND MAN			LC-029302	- B
APPLICATION FOR PERMIT TO I			6. If Indian, Allottee or Th	ribe Name
1a. Type of Work: DRILL I REEN	TED ST		7. If Unit or CA Agreemen	t, Name and No.
	IEK			26064
1b. Type of Well: 🔂 Oil Well 🔲 Gas Well 🔲 Other	Single Zone 🖳 Muli	d-1. 7	8. Lease Name and Well N Greenwood Pre	$^{0.}$ #141
2. Name of Operator				Graybur
Ricks Exploration,	Inc. 1.91199	7	9. API Well No. 30 - 0/5 - 3/	
2. Address	3b. Phone No. (include area code)		10. Field and Pool, or Explo	
Ja. Address 210 Park Avenue	405-516-1100	Sh	ugart-Siluria	
Oklahoma City, OK 73102 4. Location of Well (Report location clearly and in accordance with			11. Sec., T., R., M., or Blk. a	and Survey or Area
4.1 F				
			Sec. 27-185	-31E
At proposed prod. zone Unit 4. Distance in miles and direction from nearest town or post office*			12. County or Parish	13. State
16 miles southeast of Loc	o Hills		Eddy	NM
5. Distance from proposed*	16. No. of Acres in lease	17. Spacin	g Unit dedicated to this well	
location to nearest property or lease line, ft. 600 '	1880	40	-,	
property or lease line, ft. 600 ' (Also to nearest drig. unit line, if any)			· · · · · · · · · · · · · · · · · · ·	
 B. Distance from proposed location* to nearest well, drilling, completed, 	19. Proposed Depth	20. BLM/	BIA Bond No. on file	
applied for, on this lease, ft. 1365'	12,700'	NM	589804	
1. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will st	art*	23. Estimated duration	
GL 3,639'	March 1, 2001		30 days	
	24. Attachments			
e following, completed in accordance with the requirements of Onsh	ore Oil and Gas Order No.1, shall be at	tached to this	form:	
				- 1
Well plat certified by a registered surveyor. A Drilling Plan.	4. Bond to cover t Item 20 above).	ine operation	s unless covered by an existing	ig bond on the (s
A Surface Use Plan (if the location is on National Forest System	a Lands, the 5. Operator certific	cation.	rmation and/or plans as may	be required by the
SUPO shall be filed with the appropriate Forest Service Office).	authorized offic		imation and/or plans us may	be required by a
Signature	Name (Printed/Typed)		Date	
AV	1	- h +		1/01
le Basil Mar	<u> </u>	obins-		
Exploration Manager				
pproved by (Signature)	Name (Printed/Typed)	1	Date	EB 16 200
15/ Joe 6. Lara	Joe G	o <u>La</u>	na !	
FIELD MANAGER	Office		المستخبر ومستحد المالي والمراجع المالية المستحد والمحري والمحري والمحري والمحري والمحري والمحري والمحري والمحر المستحد المستحد والمحروب والمحروب والمح	
plication approval does not warrant or certify the the applicant holds	legal or equitable title to those rights in	the subject le	case which would entitle the ap	plicant to conduct
rations thereon. nditions of approval, if any, are attached.	• · · · · · · · · · · · · · · · · · · ·			
le 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make tes any false, fictitious or fraudulent statements or representations as	it a crime for any person knowingly an to any matter within its jurisdiction.	nd willfully to	make to any department or a	gency of the Unite
Instructions on reverse)				
		BUNDE	SHELET TO	
		PROVAL	SUBJECT TO	急 致初

RECEIVED ARTESIA

STACHED

. DISTRICT I P.O. Box 1980, Hobbs, Mf 88241-1980

DISTRICT II P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV P.O. BOX 2068, SANTA FE, N.M. 87504-2088

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102 Revised February 10, 1994 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

□ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name	
Property Code	-	erty Name E-GRAYBURG UNIT	Well Number 14
OGRID No.		ator Name XPLORATION	Elevation 3639

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	27	18S	31E		2025	SOUTH	600	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section ·	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint of	r Infill Co	nsolidation C	ode Ora	ler No.				
40									

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

OPERATOR (ERTIFICATION
	lify the the information. rue and complete to the and belief.
A CLIMING	Sunhip
RECEIVED OCD - ARTESIA	¥
Drilling A	ssistant
	ERTIFICATION
3638 3642	the well location shown that from field notes of by me or under my the same is from and
3640 3637	
Date Surveyed Signature & Seal Professional Surv	AWE
Soon bar bal	n 12/18/00
Certificate No. R	
	Image: Amount of the second density

EXHIBIT #1 Greenwood Pre-Grayburg Unit #14 Eddy County, NM

1

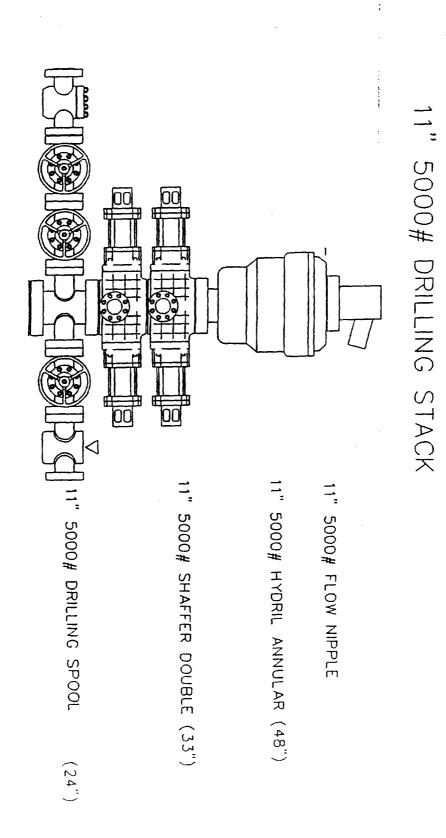
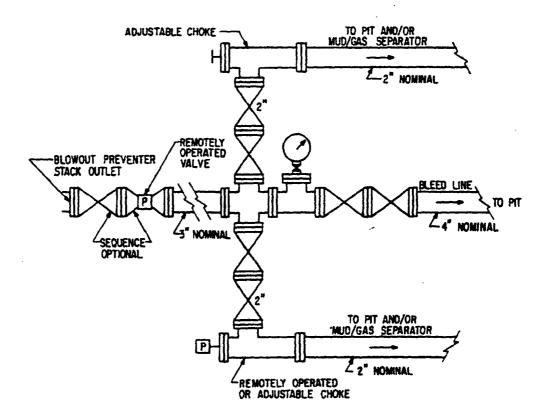


Exhibit #1A Greenwood Pre-Grayburg Unit #14 Eddy County, NM

Manifold Diagram

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Attachment to Exhibit #1

NOTES REGARDING BLOWOUT PREVENTERS

Greenwood Pre-Grayburg Unit #14 Eddy County, NM

- 1. Drilling nipple to be so constructed that it can be removed without use of a weller through rotary table opening, with minimum I.D. equal to preventer bore.
- 2. Wear ring to be properly installed in head.
- 3. Blow out preventer and all fittings must be in good condition, 5000 psi W.P. minimum
- 4. All fitting to be flanged.

1 .

- 5. Safety valve must be available on rig floor at all times with proper connections, valve to be full bore 5000 psi W.P. minimum.
- 6. All choke and fill lines to be securely anchored, especially ends of choke lines.
- 7. Equipment through which bit must pass shall be at least as large as the diameter of the casing being drilled through.
- 8. Kelly cock on kelly.
- 9. Extension wrenches and hand wheels properly installed.
- 10. Blow out preventer control to be located as close to driller's position as feasible.
- 11. Blow out preventer closing equipment to include minimum 40 gallon accumulator, two independent sources of pump power on each closing unit installation, and meet all API specifications.

OWNSHIP	8-South	RANGE	31-	Ea.	st	N	MPM	· · ·			
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CMD : OG5SECT	ONGARD INQUIRE LAND B	01/02/02 14:24: OGOMES -TQ PAGE NO:	
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PF07 BKWD PF08 FWI	D PF09 PRINT PH	F10 SDIV PF11	PF12